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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ching Song et al.  
Serial No. : 10/072,128  
Filed : February 8, 2002  
Title : STERIODAL DERIVATIVES

Art Unit : 1616  
Examiner : Barbara P. Badio

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached form PTO-1449. A copy of a search report issued in connection with a counterpart foreign application is also enclosed.

No fee is believed due as this statement is being filed after the filing of a Request for Continued Examination under 37 C.F.R. 1.114, but before mailing of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No.: 10634-005001.

Respectfully submitted,

Date: August 25, 2004

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 Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 10634-005001	Application No. 10/072,128
	<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)			
	Applicant Ching Song et al.		Filing Date February 8, 2002	Group Art Unit 1616

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	3,784,598	01/08/74	Iseli et al.			
	AB	3,925,480	12/09/75	Thal et al.			
	AC	4,006,172	02/01/77	Salmond			
	AD	4,125,544	11/14/78	Dygos			
	AE	4,639,420	01/27/87	Schaffner			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AF	GB 1 405 818	09/10/75	Great Britain				
	AG	GB 2 009 180	06/13/79	Great Britain				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AH	Bergmann et al., "Contribution to the study of marine products. XXXI. Palysterol and other lipid components of sea anemones", <u>Journal of Organic Chemistry</u> , 16:1337-1344 (1951).
	AI	Boto et al., "Tandem b-Fragmentation-hydrogen Abstraction Reaction of Alkoxy Radicals in Steroid Systems", <u>Journal of Organic Chemistry</u> , 62(9):2975-2981 (1997).
	AJ	Database Beilstein 'Online!', <u>Beilstein Institute for Organic Chemistry</u> , BRN 1274114, XP002284519.
	AK	Database Beilstein 'Online!', <u>Beilstein Institute for Organic Chemistry</u> , Citation No. 575886, BRN 45135, 41670, XP002284520.
	AL	Database Beilstein 'Online!', <u>Beilstein Institute for Organic Chemistry</u> , BRN 1629436, XP002284521.
	AM	Database Beilstein 'Online!', <u>Beilstein Institute for Organic Chemistry</u> , BRN 1355280, XP002284522.
	AN	Database Beilstein 'Online!', <u>Beilstein Institute for Organic Chemistry</u> , BRN 41863, XP002284523
	AO	Database Beilstein 'Online!', <u>Beilstein Institute for Organic Chemistry</u> , BRN 39425, XP002284524.
	AP	Database Beilstein 'Online!', <u>Beilstein Institute for Organic Chemistry</u> , BRN 1272804, XP002284525.
	AQ	Database Beilstein 'Online!', <u>Beilstein Institute for Organic Chemistry</u> , BRN 4723631, XP002284526.
	AR	Database Beilstein 'Online!', <u>Beilstein Institute for Organic Chemistry</u> , BRN 6282221, XP002284527.
	AS	Database Beilstein 'Online!', <u>Beilstein Institute for Organic Chemistry</u> , BRN 6781196, XP002284528.

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substituted Form PTO-1449 Modified AUG 27 2004 INFORMATION DISCLOSURE STATEMENT by Applicant (Use several sheets if necessary) 107.658(b)	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 10634-005001	Application No. 10/072,128
	Applicant Ching Song et al.			
	Filing Date February 8, 2002		Group Art Unit 1616	

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AT	Database Beilstein 'Online!', Beilstein Institute for Organic Chemistry, BRN 7545061, XP002284529.
	AU	Database Beilstein 'Online!', Beilstein Institute for Organic Chemistry, BRN 7950623, XP002284530.
	AV	Database Beilstein 'Online!', Beilstein Institute for Organic Chemistry, BRN 7954188, XP002284531.
	AW	Database Beilstein 'Online!', Beilstein Institute for Organic Chemistry, BRN 2017533, XP002284532.
	AX	Database Beilstein 'Online!', Beilstein Institute for Organic Chemistry, BRN 2024248, XP002284533.
	AY	Database Beilstein 'Online!', Beilstein Institute for Organic Chemistry, BRN 2033596, XP002284534.
	AZ	Database Beilstein 'Online!', Beilstein Institute for Organic Chemistry, BRN 2064766, XP002284535.
	AAA	Database Beilstein 'Online!', Beilstein Institute for Organic Chemistry, BRN 2065735, XP002284536.
	ABB	Database Beilstein 'Online!', Beilstein Institute for Organic Chemistry, BRN 8881860, XP002284537.
	ACC	Djerassi et al., "Mass Spectrometry in Structural and Stereochemical Problems. LXV. Synthesis and Fragmentation Behaviour of 15-Keto steroids", <u>Journal of the American Chemical Society</u> , 87(4):817-826 (1965).
	ADD	Gao et al., "A Novel Method for the Synthesis of a C/D-Ring Synthon of Vitamin D Derivatives From Hyodeoxycholic Acid", <u>Tetrahedron Letters</u> , 40(1):131-132 (1999).
	AEE	Kasal, "Epalons: 6-Substituted Derivatives of 7-Norepiallopregnanolone", <u>Tetrahedron</u> , 56(22):3559-3565 (2000).
	AFF	Lardy et al., "Ergosteroids II: Biologically Active Metabolites and Synthetic Derivatives of Dehydroepiandrosterone", <u>Steroids: Structure, Function and Regulation</u> , 63(3):158-165 (1998).
	AGG	Liebermann et al., "D5-Cholestene-3b, 4b, 7a-triol and the Inhibition of the Oxidation of Hydroxyl Groups by Vicinal Substituents", <u>Journal of the American Chemical Society</u> , 72:5211-5218 (1950).
	AHH	McMorris et al., "Structures of Oogoniol-1, -2, and -3, Steroidal Sex Hormones of the Water Mold", <u>Journal of the American Chemical Society</u> , 97(9):2544-2545 (1975).
	AII	Miller et al., "A Ruthenium Catalyzed Oxidation of Steroidal Alkenes to Enones", <u>Tetrahedron Letters</u> , 37(20):3429-3432 (1996).
	AJJ	Nace et al., "Novel Products from the Oxidation of d5 Steroids with Potassium Permanganate in Pyridine", <u>Journal of Organic Chemistry</u> , 35:3846-3851 (1970).
	AKK	Ockels et al., "Darstellung Von Spezifisch Deuterium-Markierten Analogen Des Androst-5-En-3Beta-Ol", 3Beta-Ol", 3Beta-Ol", <u>Tetrahedron</u> , 32(1):135-142 (1976).
	ALL	Teng et al., "Sterol Metabolism. XX. Cholesterol 7b-Hydroperoxide", <u>Journal of Organic Chemistry</u> , 38:119-123 (1973).
	AMM	Witiak et al., "Inhibitors and Stimulators of Cholesterolgenesis Enzymes", <u>Journal of Medicinal Chemistry</u> , 14(8):684-693 (1971).

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	